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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Shutsung Liao et al.	Art Unit	: 1614
Serial No.	: 10/705,398	Examiner	: Unknown
Filed	: November 10, 2003		
Title	: STEROID DERIVATIVES		

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449. A copy of an English language version of a search report issued in connection with a counterpart foreign application is also enclosed.

Reference "AKK" is a non-English language document, which was cited in the enclosed search report. The degree of relevance found by the foreign patent office for reference "AKK" is indicated in the enclosed search report. Applicants therefore submit that the enclosed search report satisfies the requirement for a concise explanation of relevance for non-English language reference "AKK."

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

September 8, 2004
Date of Deposit

Denise A Rose
Signature

Denise A. Rose
Typed or Printed Name of Person Signing Certificate

No fee is believed due as this statement is being filed before mailing of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No.: 10634-002002.

Respectfully submitted,

Date: September 8, 2004

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10634-002002	Application No. 10/705,398
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Shutsung Liao et al.	
		Filing Date November 10, 2003	Group Art Unit 1614

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	3,784,598	01/08/74	Iseli et al.			
	AB	3,925,480	12/09/75	Thal et al.			
	AC	4,006,172	02/01/77	Salmond			
	AD	4,125,544	11/14/78	Dygos			
	AE	4,639,420	01/27/87	Schaffner			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
	AF	GB 1 405 818	09/10/75	Great Britain				
	AG	GB 2 009 180	06/13/79	Great Britain				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AH	Bergmann et al., "Contribution to the study of marine products. XXXI. Palysterol and other lipid components of sea anemones", Journal of Organic Chemistry, 16:1337-1344 (1951).
	AI	Boto et al., "Tandem b-Fragmentation-hydrogen Abstraction Reaction of Alkoxy Radicals in Steroid Systems", Journal of Organic Chemistry, 62(9):2975-2981 (1997).
	AJ	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 1274114, XP002284519.
	AK	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, Citation No. 575886, BRN 45135, 41670, XP002284520.
	AL	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 1629436, XP002284521.
	AM	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 1355280, XP002284522.
	AN	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 41863, XP002284523
	AO	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 39425, XP002284524.
	AP	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 1272804, XP002284525.
	AQ	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 4723631, XP002284526.
	AR	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 6282221, XP002284527.
	AS	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 6781196, XP002284528.

Examiner Signature	Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AT	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 7545061, XP002284529.
	AU	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 7950623, XP002284530.
	AV	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 7954188, XP002284531.
	AW	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 2017533, XP002284532.
	AX	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 2024248, XP002284533.
	AY	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 2033596, XP002284534.
	AZ	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 2064766, XP002284535.
	AAA	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 2065735, XP002284536.
	ABB	Database Beilstein 'Online!, Beilstein Institute for Organic Chemistry, BRN 8881860, XP002284537.
	ACC	Djerassi et al., "Mass Spectrometry in Structural and Stereochemical Problems. LXV. Synthesis and Fragmentation Behaviour of 15-Keto steroids", Journal of the American Chemical Society, 87(4):817-826 (1965).
	ADD	Gao et al., "A Novel Method for the Synthesis of a C/D-Ring Synthon of Vitamin D Derivatives From Hyodeoxycholic Acid", Tetrahedron Letters, 40(1):131-132 (1999).
	AEE	Kasal, "Epalons: 6-Substituted Derivatives of 7-Norepiallopregnanolone", Tetrahedron, 56(22):3559-3565 (2000).
	AFF	Lardy et al., "Ergosteroids II: Biologically Active Metabolites and Synthetic Derivatives of Dehydroepiandrosterone", Steroids: Structure, Function and Regulation, 63(3):158-165 (1998).
	AGG	Liebermann et al., "D5-Cholestene-3b, 4b, 7a-triol and the Inhibition of the Oxidation of Hydroxyl Groups by Vicinal Substituents", Journal of the American Chemical Society, 72:5211-5218 (1950).
	AHH	McMorris et al., "Structures of Oogoniol-1, -2, and –3, Steroidal Sex Hormones of the Water Mold", Journal of the American Chemical Society, 97(9):2544-2545 (1975).
	AII	Miller et al., "A Ruthenium Catalyzed Osxidation of Steroidal Alkenes to Enones", Tetrahedron Letters, 37(20):3429-3432 (1996).
	AJJ	Nace et al., "Novel Products from the Oxidation of d5 Steroids with Potassium Permanganate in Pyridine", Journal of Organic Chemistry, 35:3846-3851 (1970).
	AKK	Ockels et al., "Darstellung Von Spezifisch Deuterium-Markierten Analogen Des Androst-5-En-3Beta-Ol", 3Beta-Ol", 3Beta-Ol", Tetrahedron, 32(1):135-142 (1976).
	ALL	Teng et al., "Sterol Metabolism. XX. Cholesterol 7b-Hydroperoxide", Journal of Organic Chemistry, 38:119-123 (1973).
	AMM	Witiak et al., "Inhibitors and Stimulators of Cholesterolgenesis Enzymes", Journal of Medicinal Chemistry, 14(8):684-693 (1971).

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